

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)					Page 1 of 1		
					August 2002		
TO: Chairman, Board of County Commissioners Post Office Box 398, Fort Myers, FL				FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida			
RIVER/HARBOR NAME AND STATE Fort Myers Beach Harbor, Lee County, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			

Entrance Channel: San Carlos Bay from 1,400 feet seaward of Green Light-1 to Green Light-9.	Aug-2002	150-325	1	12	* 8.1 (1)	* 2.5 (1)	* 0.4 (1)
Cut-3: From Green Light-9 to 250 feet south of Green Daybeacon-13.	Aug-2002	125-325	0.4	12	9.9 (2)	10.4 (2)	10.3 (2)
Cut-4 thru Cut-6: From 250 feet south of Green Daybeacon-13 to State Road 865 Bridge	Aug-2002	125-195	0.6	12	10.9 (3)	10.6 (3)	10.7 (3)
Cut-6 thru Cut-8 - Matanzas Pass: From State Road 865 Bridge to Red Daybeacon-24.	Aug-2002	125-260	0.3	11	6.6 (4)	8.2 (4)	6.6 (4)
Cut-9 & Cut-10: From Red Daybeacon-24 to 350 feet west of Red Daybeacon-28.	Aug-2002	125	0.3	11	11.0	9.4 (5)	8.8 (5)
Turning Basin	Aug-2002	125-275	0.1	11	8.0 (6)	6.6 (6)	5.9 (6)

Remarks:

\* The USCG has marked a shoal inside channel with green Daybeacon-3. More navigable water exists on the south side of this marker. Red Buoy-4A also marks an area of extreme shoaling inside channel. Deeper water exists north of this buoy.

(1) Shoaling located across entire channel from 1,400 feet seaward of and extending to Green Light-1, and then again encompasses entire channel from 700 feet east of Green Light-1 to Green Daybeacon-3. Shoaling then continues throughout remainder of Cut-1, from Red Daybeacon-4 to Red Daybeacon-8. Least depths located in vicinity of Red Buoy-4A.

(2) Spot shoaling located along the western edge of channel approximately 500 feet south of Green Light-9. Shoaling also located along the eastern portion of channel, from Green Daybeacon-11 and extending to 250 feet south of Green Daybeacon-13, covering most of the channel width.

(3) Shoaling is located along the northern portion of channel extending approximately 500 feet east of Green Daybeacon-13, and also along southern corner of Cuts-3 & 4. Shoaling then encompasses most of Cut-5, from Green Buoy-15 to just east of Green Daybeacon-17.

(4) Extreme shoaling in north corner of channel opposite Red Daybeacon-20 and Red Daybeacon-22. Shoaling also located along south side of channel between same markers and extending to Red Daybeacon-24.

(5) Shoaling along south side of channel beginning 400 feet east of Red Daybeacon-26 and extending to 300 feet west of Red Daybeacon-28.

(6) Shoaling along all sides of basin. Deeper water exists in middle of basin near Red Daybeacon-28. Least depths occur at east end of basin.